

Coltman Bridge

Spanning Fever River, on Horseshoe Bend Road

(New Diggings) Benton

Lafayette County

Wisconsin

HAER No. WI-45

HAER
WIS,
33-BENT,
1-

PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

Historic American Engineering Record
National Park Service
U. S. Department of the Interior
P. O. Box 37127
Washington, D. C. 20013-7127

HISTORIC AMERICAN ENGINEERING RECORD

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Coltman Bridge

HAER No. WI-45

Location: Spanning Fever River, on Horseshoe Bend Road
(Section 10, Town 1N, Range 1E)
New Diggings/Benton, Lafayette County, Wisconsin

Date of Construction: 1917

Builder/Engineer: Contractor: Decker & Hague
Engineer: Wisconsin Highway Commission

Present Owner:

Present Use:

Significance: The Coltman Bridge is a representative example of the State Highway Commission-designed Warren Standard Pony truss design, adapted to a skewed crossing. Out of 443 Wisconsin trusses of this design, this bridge is one of three of the best examples.

Historian: Diane Kromm
Wisconsin Historic Bridges Recording Project
Summer 1987

ARCHITECTURAL INFORMATION

Style: Warren Standard Pony Truss (skewed construction).

Material of Construction: Pony truss - metal
Abutment and deck - concrete

Shape and Dimensions: Single-span Warren truss
Overall length - 69 feet
Span length - 65 feet
Overall width - 20 feet
Roadway width - 19 feet
Panels - 5

Exterior Features: Riveted connections
Endpost and upper chord - 8-inch double upright channels
with 14-inch cover plate, tied with batten plates.
Lower chord, verticals and diagonals: double back-to-back
angles ("+" in section).

OTHER INFORMATION

Skewed construction accommodates non-perpendicular crossing. Bolts are missing from expansion plate.

SOURCES OF INFORMATION

1981 Historic Bridge Advisory Report

P-33-217 Truss-Bridge Intensive Survey (1986). Wisconsin Department of Transportation Files, Madison.